



MEMORANDUM

TO: MAYOR AND MEMBERS OF TOWN COUNCIL
FROM: BOB FLETCHER, ATM ENGINEERING
SUBJECT: ENGINEERING UPDATE
DATE: MAY 11, 2010
CC: ANTHONY W. BARRETT, TOWN MANAGER

Facilities/Asset Management Update:

- Began dialogue with Bluffton Youth Sports and Beaufort County Parks and Leisure Services regarding recreation in Bluffton.
- Received four proposals for a new residential refuse and recycling contract and will present contract recommendation at the May 11th Town Council meeting. This contract will serve over 4600 homes in the Town limits.
- Issued a RFP for 5 ditch maintenance projects. Bids are due May 12th.
- Participated in live oak tree plantings in Old Town sponsored by the local chapter of the American Society of Landscape Architects. Town staff will monitor and maintain the new plantings.
- Coordinated planting of dogwood tree in Oyster Factory Park. The tree is donated by and dedicated to the memory of deceased realtors by the Hilton Head Area Association of Realtors. Town staff will monitor and maintain the tree.
- Coordinated Census Taker training locations at Town properties during the months of April and May.
- Permitted 4 Special Events in April.
- May Special Events:
 - Farmers Market every Thursday
 - Flea Market every Saturday
 - Bluffton Village Festival – May 8th
 - Concert in the Park – May 30th

Engineering Update:

- Engineering Website: Coming soon, Building & Grounds will be added as one of our Capital Improvement Program (CIP) projects.
- Participated in Bluffton High School Youth Government Day. Toured students to highlighted projects: May River/Bruin Road

Streetscape, Oyster Factory Park, Law Enforcement Center, and briefing by Facilities / Building & Grounds on drainage, events & maintenance.

- James Ayers from Engineering and Trisha Greathouse from Finance helped install rain garden at Red Cedar Elementary as part of their Leadership Class.
- Working with Finance, prepared FY11 CIP projects, schedule and budget as part of proposal FY11 Council budget.
- Prepared supplemental support documents including FY12-15 proposed projects, individual project data sheets, and maps.

CIP Update:

Old Town Improvements

May River Road/Bruin Road Streetscape: Construction Phase

- SCDOT determined Town is able to administer Transportation Enhancement Grant
- Field review (Final scoping meeting was held)
- Project Planning Report being completed. Project Planning Report will provide basis for participation agreement

Wayfinding: Design Phase

- The design consultants produced several sign design options and a decision was reached on which style to pursue; Final designs due May 7, 2010
- First Phase will be construction of street signs and informational signs in the Old Town district, whose construction will be grant-funded

Town Facilities

Law Enforcement Center: Construction Phase

- Continued construction work related to building pad, grading, and utilities

Buildings & Grounds Relocation: Design/Construction Phase

- Received Bluffton Park POA verbal approval
- OCRM and DRC permits expected mid May
- Ground breaking is expected in May

Sewer & Water

Buck Island Sewer (Phase 1): Design Phase

- Met with multiple landowners, acquired additional easements, handled condemnation issues

Buck Island Sewer (Phase 2): Design Phase

- Continued work on survey plat preparation & identification of easement parcels; performed QC review on design

Buck Island Sewer (Phase 3): Applied for grant

- Staff performed site assessment, coordinated with BJWSA & LCOG, and prepared preliminary plan and budget
- Applied for \$500,000 CDBG funding in April, 2010
- If grant awarded, design and easement work will be done in FY11 with construction FY12

Old Town/Maiden Lane Sewer: Design/Construction PhaseBruin Road:

- Awarded contract for remaining four (4) LMI sewer hookups
- Sewer hookups will be completed in May

Church Street:

- Completed

Maiden Lane:

- BJWSA contractor started work week of April 19
- Trunk line should be completed end of May

Stormwater-Small Projects: Design/On Going Construction Phase

- Five (5) projects are currently out to bid; Bids will close May 12, 2010

Verdier Cove Drainage Basin: Implementation Phase

- Ditch maintenance completed from power easement south to Bluffton Parkway.
- Ditch maintenance south of Bluffton Parkway to Red Cedar completed.

Park Development**Parks & Recreation Improvements: Concept Phase**

- Funds on hold, pending DuBois Park path forward

Oyster Factory Park: Implementation Phase 1

- Construction proposals (Road & drainage, bluff erosion control, and boat launch improvements) received and under evaluation
- Recommendation to award expected by May 11 Town Council meeting

DuBois Park: Concept Phase

- Town Council will consider this for FY11 Capital Improvement Program (CIP) list

Pathways**New River Trail Head: Design Phase**

- Parking Lot construction proposals received and under evaluation
- Recommendation to award construction expected by May 11th Council meeting

Buckwalter Place Greenway Trail: Design Phase

- Design proposals under review with an award expected by the end of April

Buck Island/Simmons ville Pathway: Concept Phase

- SCDOT sent sidewalk package to Columbia for funding
- Funding date uncertain

Attachments: 1. Verdier Cove Drainage Basin

Verdier Cove Drainage Basin

Action Items Update 5-11-2010

Attachment 1

Number	Activity	Status
1	Remove sections of the logging road in B-11	Complete
2	Survey Bluffton Park Lagoons (B-9, B10 & B-5)	Complete: Lagoons constructed per design documents
3	Verify flow south of Hidden Lakes	Completed: Thomas & Hutton confirmed flow moves south into B-11 where historical flow is to the North
4	Perform Ditch Maintenance	1) Power easement north to Hwy. 278 & south to Bluffton Parkway completed 2) Bluffton Parkway south to Red Cedar completed
5	Temporarily block flow from to parcel B-11 and into Teardrop Lagoon	Part of Phase 3
6	Supplemental Measurements	Completed Report submitted March 16, 2010
7	Lower operating levels of B-9, B-10 & B-5 to planned design level of 17'	Hold pending results of activity #4
8	Determine basis of Stockfarm filtration outflow	Hold pending results of activity # 4